LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020327.D
Acq On : 11 May 2024 18:39
Operator : MA/JU
Sample : P2371-11
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A43S3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020327.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.217	18	22	26	rBV	15578	20153	0.89%	0.077%
2	3.481	64	67	79	rBV	57387	110030	4.87%	0.418%
3	3.617	86	90	108	rBV	163664	322701	14.27%	1.226%
4	3.911	137	140	147	rVB5	4599	7215	0.32%	0.027%
5	4.781	284	288	294	rBV9	1631	3752	0.17%	0.014%
6	5.569	417	422	425	rBV5	1848	2590	0.11%	0.010%
7	6.805	625	632	653	rBV	227781	504469	22.31%	1.917%
8	6.963	653	659	677	rVB	175343	343722	15.20%	1.306%
9	7.152	684	691	705	rBV	279784	485962	21.49%	1.847%
10	7.287	710	714	716	rBV4	2808	3600	0.16%	0.014%
11	7.611	762	769	785	rBV	294219	506162	22.38%	1.923%
12	7.728	785	789	792	rVV6	2042	3418	0.15%	0.013%
13	8.322	884	890	909	rBV2	283300	626678	27.71%	2.381%
14	8.775	960	967	984	rBV	256431	498498	22.04%	1.894%
15	8.887	984	986	991	rVB5	1655	2794	0.12%	0.011%
16	9.116	1021	1025	1029	rBV2	4091	4632	0.20%	0.018%
17	9.357	1060	1066	1079	rBV	22096	49199	2.18%	0.187%
18	9.487	1081	1088	1109	rVV	222301	446337	19.74%	1.696%
19	10.028	1173	1180	1205	rBV	268301	675820	29.88%	2.568%
20	10.210	1205	1211	1228	rVB2	26600	91671	4.05%	0.348%
21	10.381	1233	1240	1252	rVB	417825	714960	31.61%	2.717%
22	10.546	1260	1268	1293	rBV	265932	665851	29.44%	2.530%
23	10.699	1293	1294	1299	rVB5	2552	2351	0.10%	0.009%
24	11.010	1340	1347	1355	rVV10	6045	14574	0.64%	0.055%
25	11.181	1367	1376	1387	rBV4	30529	104770	4.63%	0.398%
26	11.299	1394	1396	1401	rVB6	2133	2559	0.11%	0.010%
27	12.010	1510	1517	1526	rVB5	5701	11451	0.51%	0.044%
28	12.740	1635	1641	1645	rBV7	1286	3059	0.14%	0.012%
29	12.893	1660	1667	1670	rBV8	3929	7347	0.32%	0.028%
30	12.922	1670	1672	1676	rVB5	2235	3778	0.17%	0.014%
31	13.081	1694	1699	1701	rBV6	1953	2540	0.11%	0.010%
32	13.175	1710	1715	1721	rVB8	2598	5364	0.24%	0.020%
33	13.257	1722	1729	1733	rBV9	1489	2595	0.11%	0.010%
34	13.704	1799	1805	1823	rBV	696823	1138394	50.34%	4.326%
35	13.981	1843	1852	1872	rBV	735435	1253032	55.40%	4.761%
36	14.298	1898	1906	1920	rBV	608776	1008262	44.58%	3.831%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020327.D
Acq On : 11 May 2024 18:39
Operator : MA/JU
Sample : P2371-11
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Title : SVOA CALIBRATION

37	14.510	1935	1942	1943	rBV	936531	1150077	50.85%	4.370%
38	14.528	1943	1945	1950	rVV	1165500	1460254	64.57%	5.549%
39	14.581	1950	1954	1982	rVB2	132821	445036	19.68%	1.691%
40	15.122	2041	2046	2049	rBV6	2403	3592	0.16%	0.014%
41	15.169	2049	2054	2062	rVB4	6584	10256	0.45%	0.039%
42	15.322	2073	2080	2093	rBV	1004503	1605010	70.97%	6.099%
43	15.481	2100	2107	2119	rBV	230772	439740	19.44%	1.671%
44	15.557	2119	2120	2131	rVB9	10304	21120	0.93%	0.080%
45	15.910	2172	2180	2187	rBV9	6651	15378	0.68%	0.058%
46	16.128	2215	2217	2220	rVB4	2221	2550	0.11%	0.010%
47	16.551	2283	2289	2293	rBV8	2846	6850	0.30%	0.026%
48	16.798	2328	2331	2336	rBV7	1888	3698	0.16%	0.014%
49	16.904	2344	2349	2352	rBV6	2612	4950	0.22%	0.019%
50	17.069	2373	2377	2381	rBV7	4039	6836	0.30%	0.026%
51	17.128	2381	2387	2397	rVV	844202	1301366	57.54%	4.945%
52	17.234	2398	2405	2421	rVV	1154988	1858631	82.18%	7.062%
53	17.339	2421	2423	2426	rVV4	4463	5639	0.25%	0.021%
54	17.375	2426	2429	2439	rVB4	5403	10929	0.48%	0.042%
55	17.563	2457	2461	2471	rVB4	10999	22726	1.00%	0.086%
56	17.669	2474	2479	2482	rBV7	1978	3676	0.16%	0.014%
57	17.863	2505	2512	2515	rBV2	22085	30787	1.36%	0.117%
58	17.963	2526	2529	2532	rVB4	3022	4380	0.19%	0.017%
59	18.086	2544	2550	2561	rBV	130052	226684	10.02%	0.861%
60	18.392	2599	2602	2607	rVB6	4227	5918	0.26%	0.022%
61	18.545	2623	2628	2636	rBV4	19870	31171	1.38%	0.118%
62	19.004	2703	2706	2708	rBV4	5574	7313	0.32%	0.028%
63	19.057	2712	2715	2716	rVV2	12603	13924	0.62%	0.053%
64	19.081	2716	2719	2724	rVB2	69937	83233	3.68%	0.316%
65	19.180	2733	2736	2741	rBV5	15163	19743	0.87%	0.075%
66	19.239	2743	2746	2748	rBV3	10941	14283	0.63%	0.054%
67	19.439	2775	2780	2786	rBV3	52489	77580	3.43%	0.295%
68	19.633	2807	2813	2825	rBV2	1248950	2238401	98.97%	8.506%
69	21.310	3093	3098	3106	rBV	129566	233968	10.35%	0.889%
70	21.633	3147	3153	3165	rBV2	868780	1510144	66.77%	5.738%
71	24.751	3674	3683	3701	rVB2	719274	2261587	100.00%	8.594%
72	24.998	3716	3725	3739	rVB	521569	1529324	67.62%	5.811%

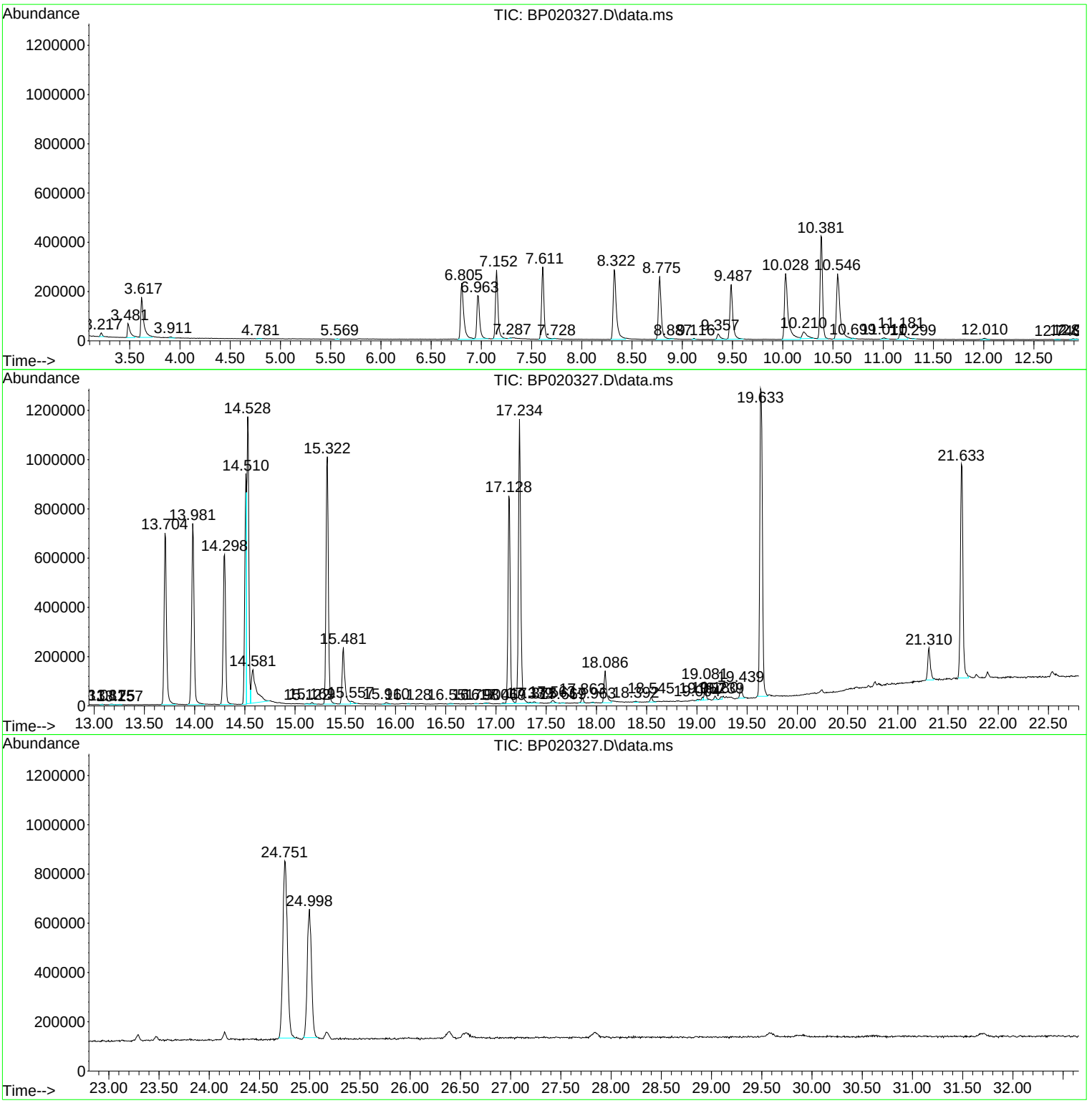
Sum of corrected areas: 26317044

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020327.D
Acq On : 11 May 2024 18:39
Operator : MA/JU
Sample : P2371-11
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020327.D
Acq On : 11 May 2024 18:39
Operator : MA/JU
Sample : P2371-11
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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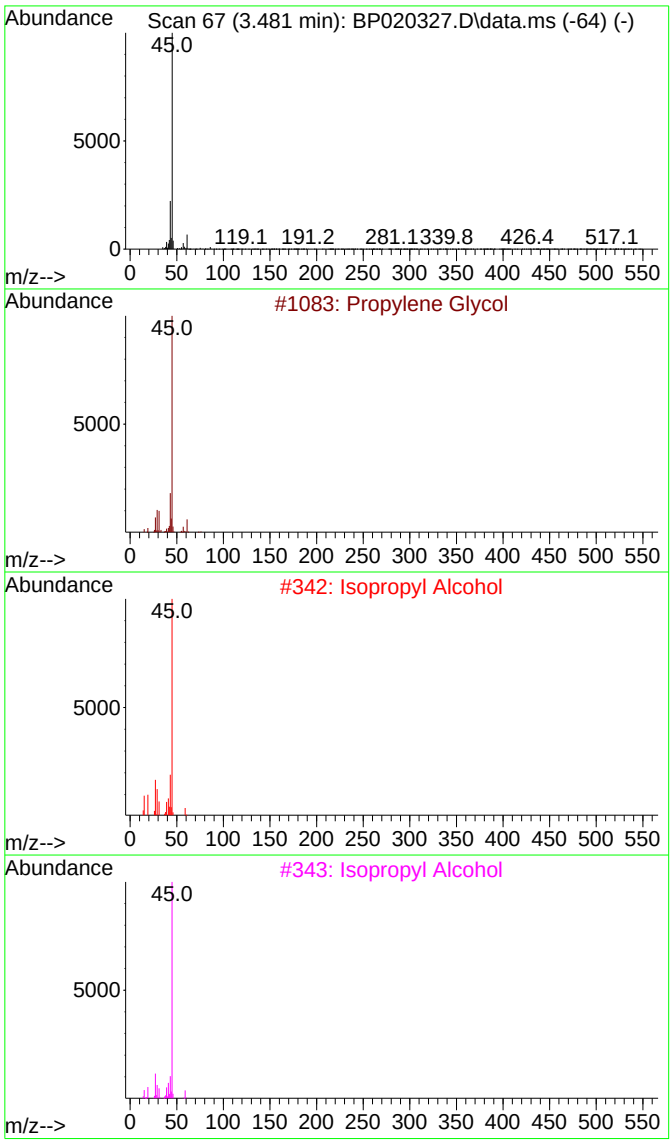
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

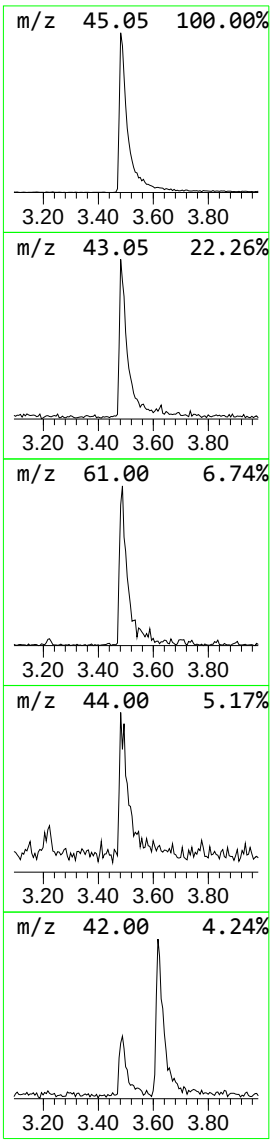
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.481	4.35 ng/ul	110030	1,4-Dichlorobenzene-d4	7.611

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	43
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9
5	Propylene Glycol	76	C3H8O2	000057-55-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020327.D
Acq On : 11 May 2024 18:39
Operator : MA/JU
Sample : P2371-11
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S3

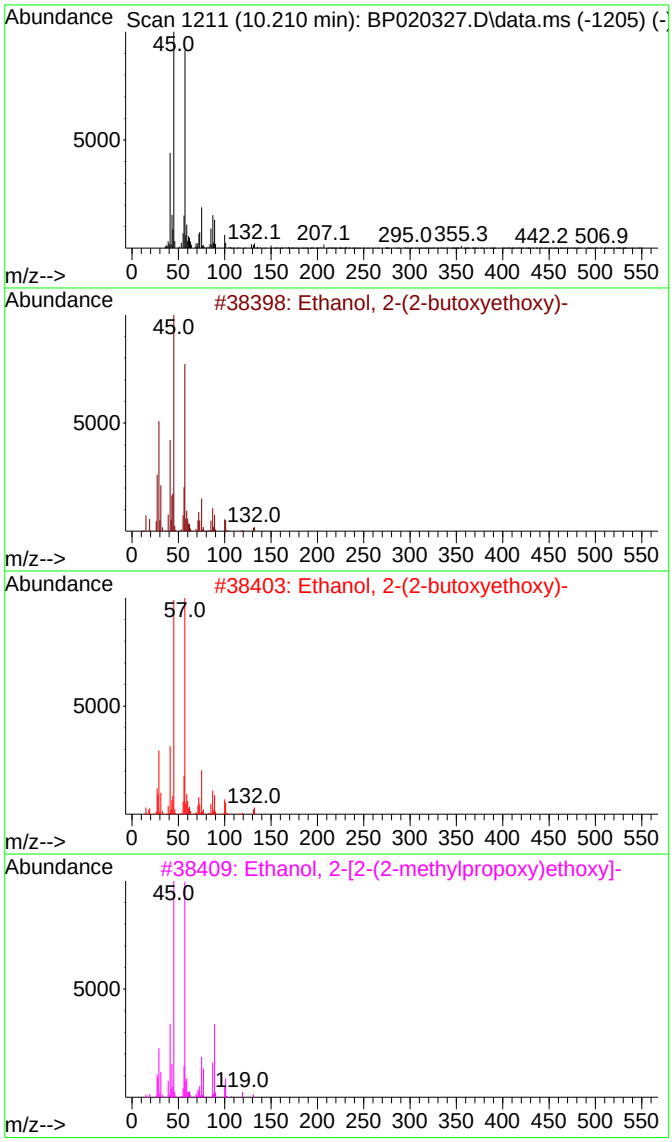
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

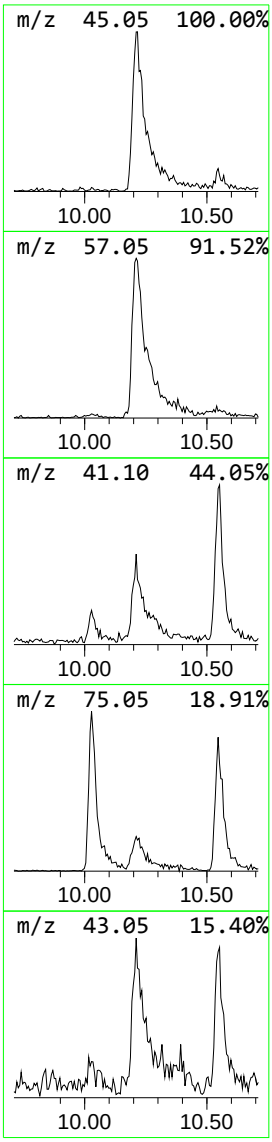
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.210	2.56 ng/ul	91671	Naphthalene-d8	10.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	72
4	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	64
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020327.D
Acq On : 11 May 2024 18:39
Operator : MA/JU
Sample : P2371-11
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S3

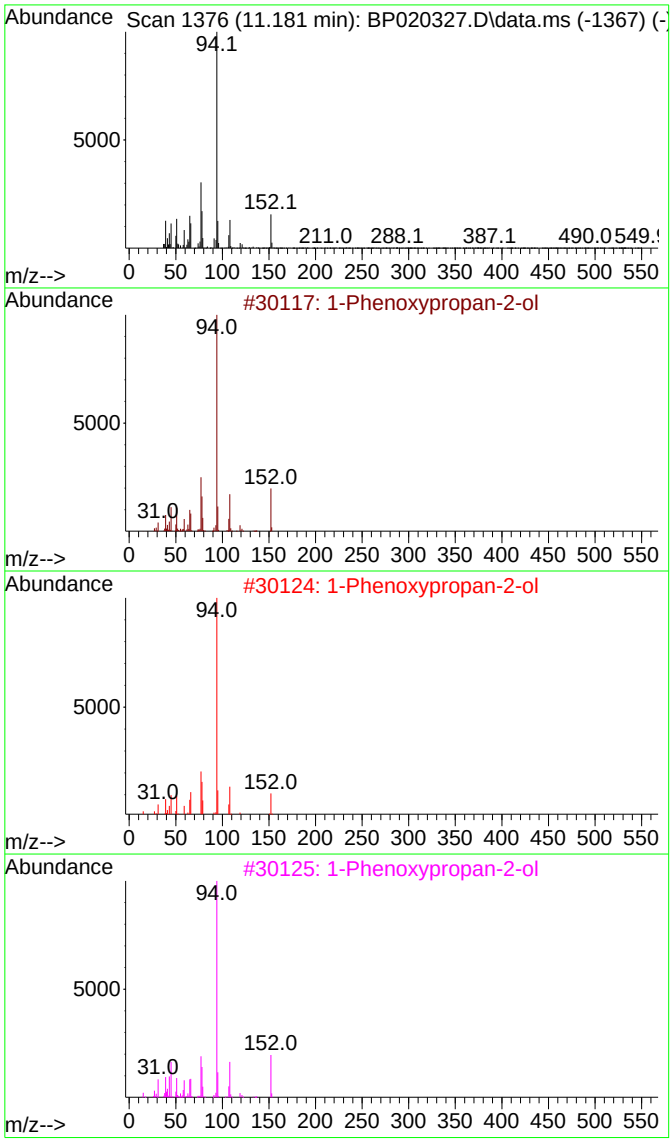
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

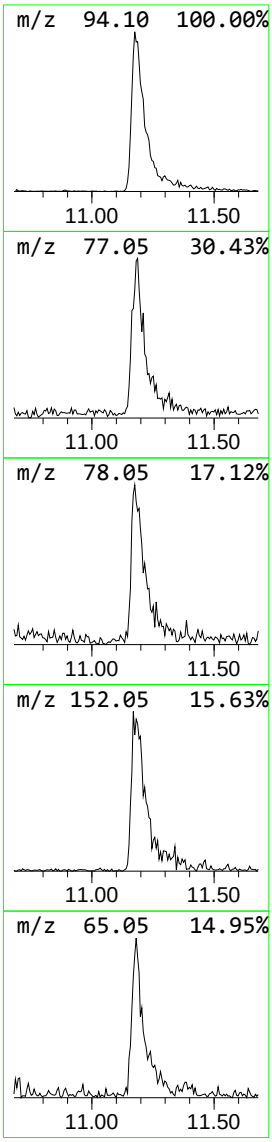
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Phenoxypropan-2-ol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.181	2.93 ng/ul	104770	Naphthalene-d8	10.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	97
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	91
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	87
4	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	87
5	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020327.D
Acq On : 11 May 2024 18:39
Operator : MA/JU
Sample : P2371-11
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

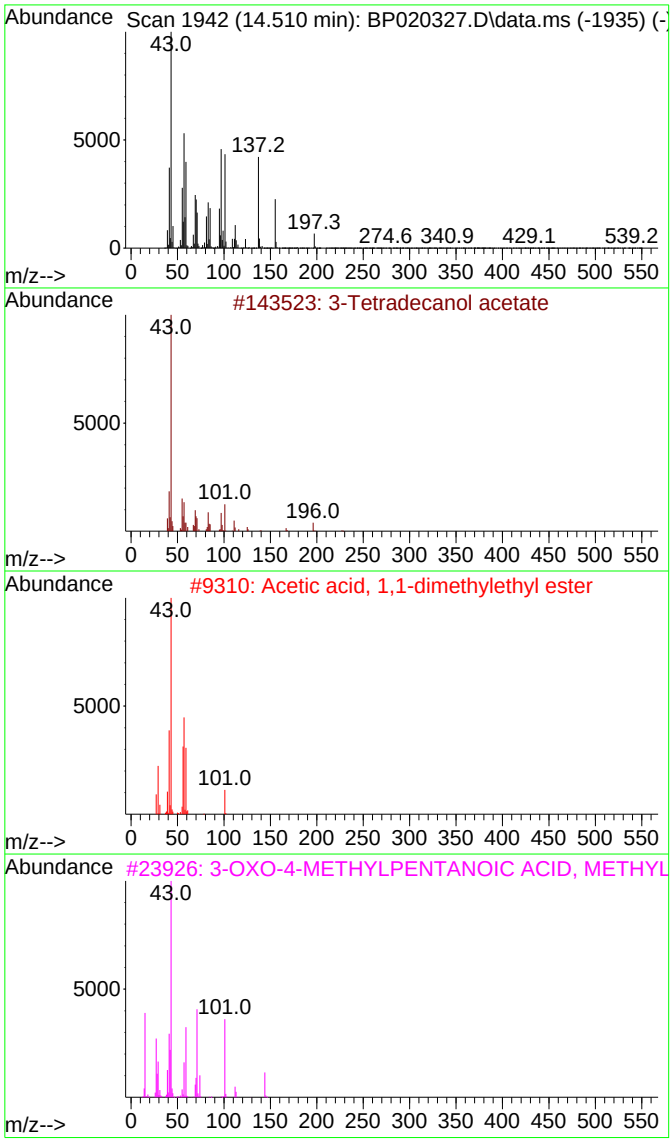
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

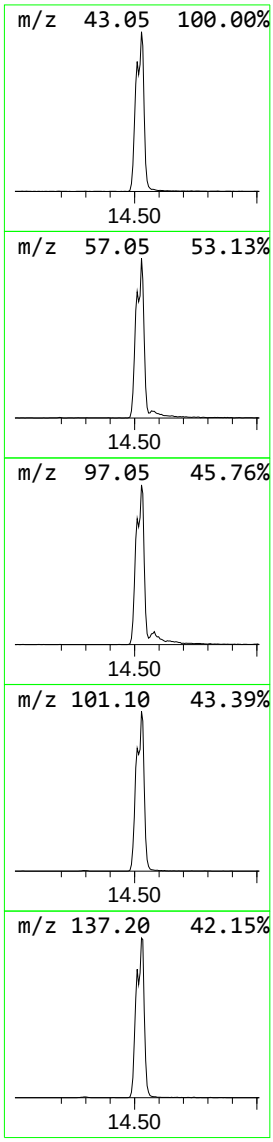
****

Peak Number 4 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.510	22.81 ng/ul	1150080	Acenaphthene-d10	14.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Tetradecanol acetate	256	C16H32O2	051354-23-5	27
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	14
3	3-OXO-4-METHYLPENTANOIC ACID, ME...	144	C7H12O3	042558-54-3	12
4	trans-5-Isopropyl-6,7-epoxy-8-hy...	228	C13H24O3	058002-07-6	12
5	Tetradecane, 1-bromo-	276	C14H29Br	000112-71-0	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020327.D
Acq On : 11 May 2024 18:39
Operator : MA/JU
Sample : P2371-11
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

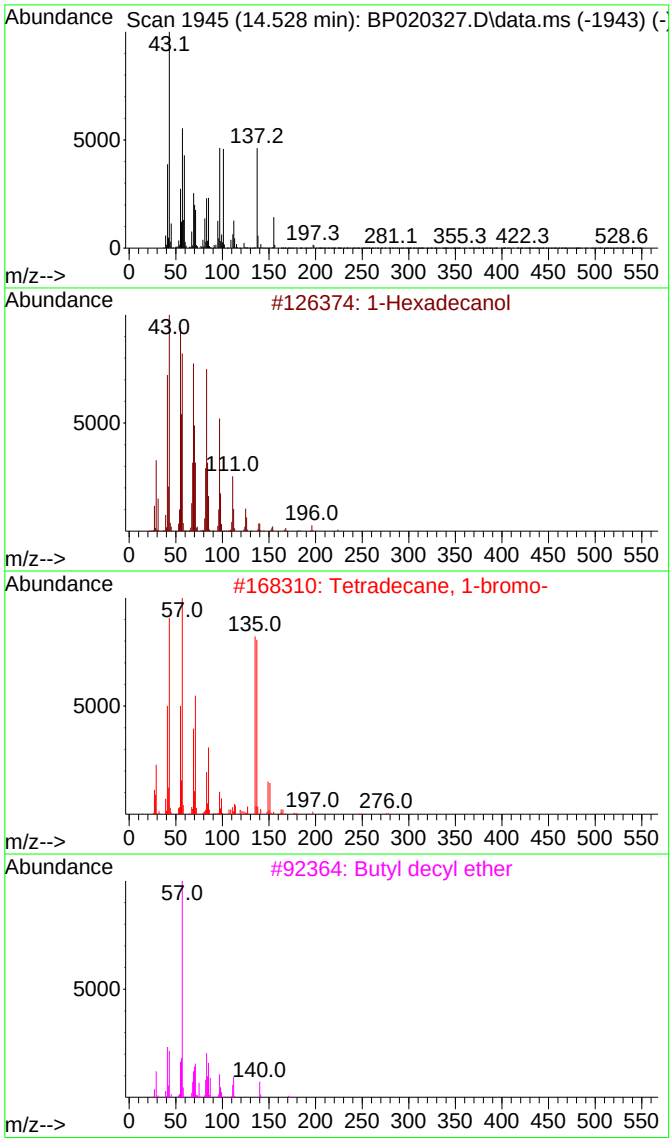
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

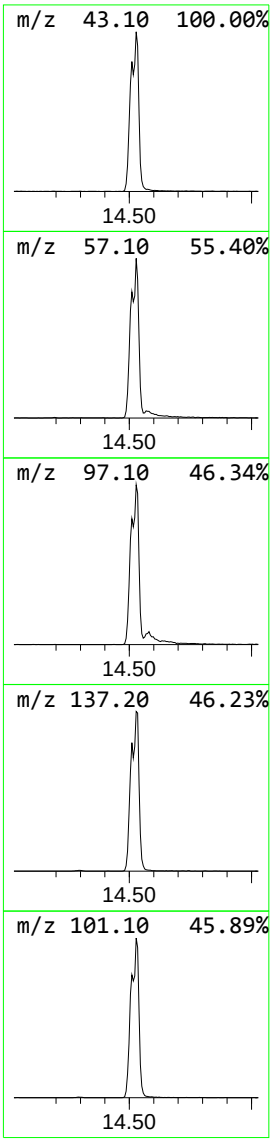
****

Peak Number 5 unknown-03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.528	28.97 ng/ul	1460250	Acenaphthene-d10	14.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	14
2	Tetradecane, 1-bromo-	276	C14H29Br	000112-71-0	14
3	Butyl decyl ether	214	C14H30O	1000406-40-2	14
4	1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	10
5	Tridecane, 1-bromo-	262	C13H27Br	000765-09-3	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020327.D
Acq On : 11 May 2024 18:39
Operator : MA/JU
Sample : P2371-11
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S3

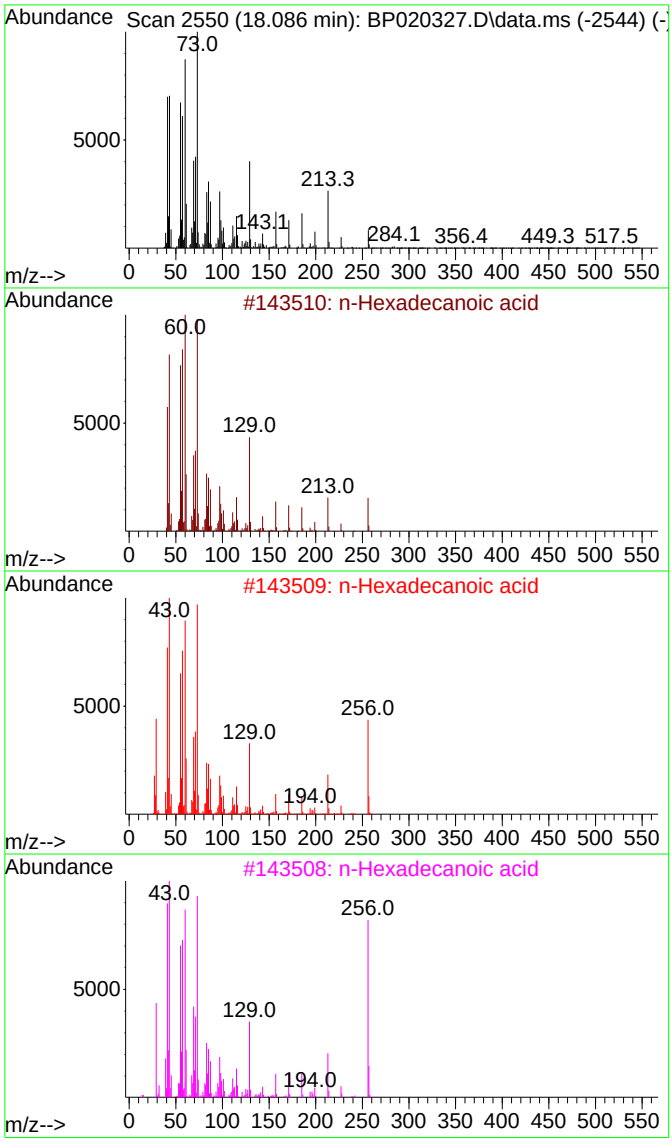
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

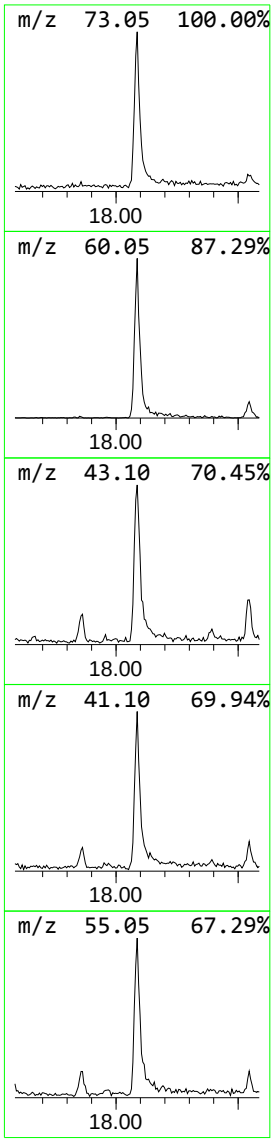
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.086	3.48 ng/ul	226684	Phenanthrene-d10	17.134

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
5	Octadecanoic acid	284	C18H36O2	000057-11-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020327.D
Acq On : 11 May 2024 18:39
Operator : MA/JU
Sample : P2371-11
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S3

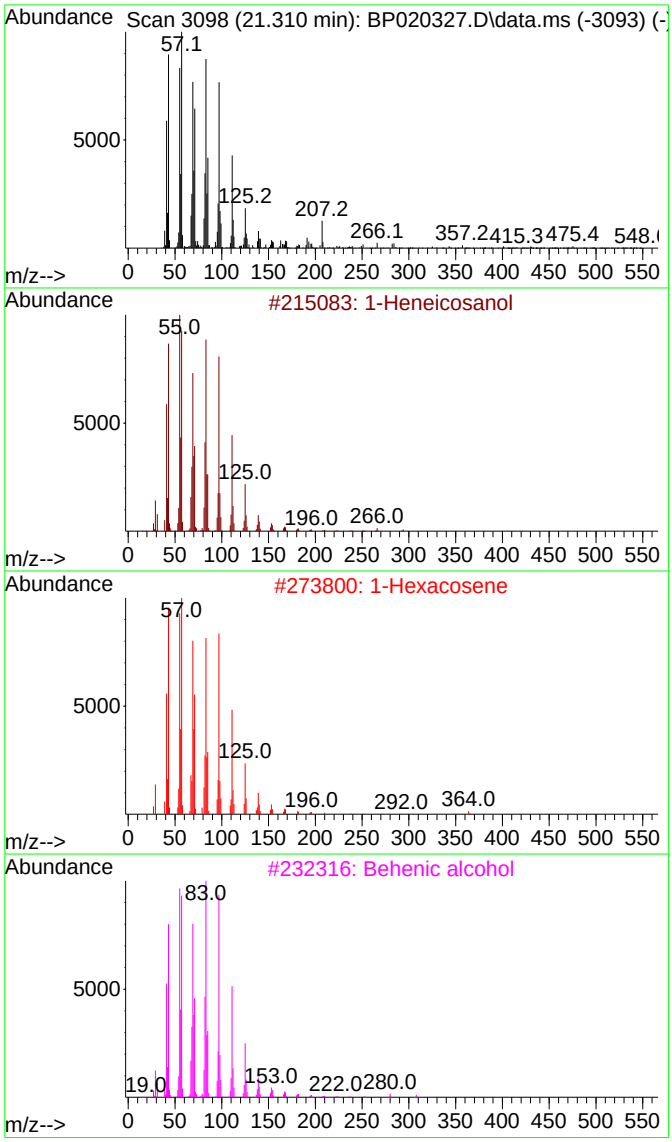
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

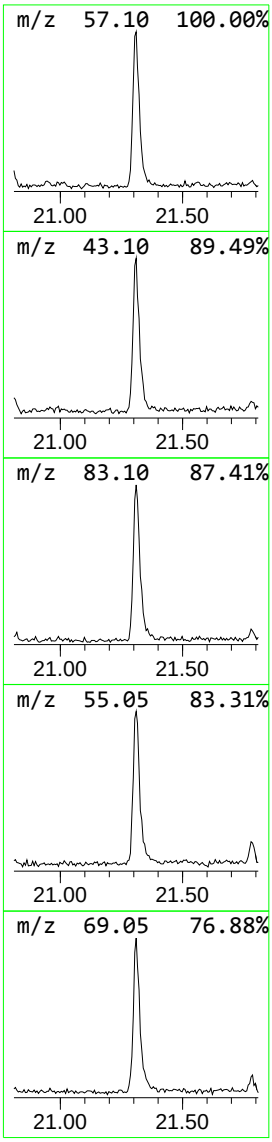
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.310	3.10 ng/ul	233968	Chrysene-d12	21.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	1-Hexacosene	364	C26H52	018835-33-1	93
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	Octacosanol	410	C28H58O	000557-61-9	90
5	Heptacos-1-ene	378	C27H54	015306-27-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020327.D
Acq On : 11 May 2024 18:39
Operator : MA/JU
Sample : P2371-11
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	3.481	4.3	ng/ul	110030	1	7.611	506162	20.0
Ethanol, 2-(2-b...	10.210	2.6	ng/ul	91671	2	10.387	714960	20.0
1-Phenoxypropan...	11.181	2.9	ng/ul	104770	2	10.387	714960	20.0
unknown-02	14.510	22.8	ng/ul	1150080	3	14.298	1008260	20.0
unknown-03	14.528	29.0	ng/ul	1460250	3	14.298	1008260	20.0
n-Hexadecanoic ...	18.086	3.5	ng/ul	226684	4	17.134	1301370	20.0
1-Heneicosanol	21.310	3.1	ng/ul	233968	5	21.633	1510140	20.0